

N14 – Islington-City Centre West Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Islington-City Centre West			
	Males	Females	Both sexes	Males	Females	Both sexes	Males (95% CI)	Females (95% CI)	Both sexes (95% CI)	Rate Ratio**
Demographics ***										
Total Population Age 0-4	68,780	65,600	134,380	28,890	27,600	56,490	805	790	1,595	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	2,665	2,580	5,245	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	5,585	6,025	11,610	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	3,970	4,370	8,340	
All Emergency Department (ED) visits (2009) ±										
Population Age 0-4										
# of ED visits	36,999	28,846	65,845	15,132	11,909	27,041	650	479	1,129	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	807.5 (780.2-834.7)	606.3 (572.3-640.4)	707.8 (685.5-730.2)	1.44 H
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	45.7 (39.4-52.1)	36.5 (31.2-41.7)	41.1 (37.0-45.2)	1.30 H
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	820	738	1,558	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	307.7 (290.2-325.2)	286.0 (268.6-303.5)	297.0 (284.7-309.4)	1.33 H
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	21.2 (19.2-23.2)	19.7 (17.8-21.6)	20.5 (19.1-21.8)	1.27 H
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,649	2,029	3,678	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	295.3 (283.3-307.2)	336.8 (324.8-348.7)	316.8 (308.3-325.3)	1.25 H
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	20.1 (18.8-21.4)	21.4 (20.1-22.7)	20.8 (19.8-21.7)	1.28 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	1,164	1,450	2,614	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	293.2 (279.0-307.4)	331.8 (317.8-345.8)	313.4 (303.5-323.4)	1.09 H
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	18.6 (17.1-20.0)	21.5 (19.9-23.0)	20.1 (19.0-21.2)	1.14 H

CI Confidence Interval.

H / L / NS Chances are at least 19 in 20 that the rate is higher (H) or lower (L) than the City of Toronto rate ($p < 0.05$). Rates marked not significantly (NS) different do not reach this level of significance.

****** Rate ratios for both sexes were created by dividing the local area rate by the City of Toronto aggregate rate.

******* Denominator: Based on 2006 Census population estimates, Statistics Canada.

± All unscheduled ED visits. Data source: National Ambulatory Care Reporting System (NACRS), Canadian Institute for Health Information (CIHI).

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Demographics ***										
Total Population Age 65-74	80,785	98,145	178,930	31,755	38,280	70,035	1,085	1,470	2,555	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	1,315	2,115	3,430	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	15,425	17,350	32,775	
All Emergency Department (ED) visits (2009) ±										
Population Age 65-74										
# of ED visits	28,857	32,242	61,099	12,838	13,486	26,324	448	565	1,013	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	412.9 (383.6-442.2)	384.4 (359.5-409.2)	396.5 (377.5-415.4)	1.16 H
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	25.5 (22.0-29.0)	22.0 (19.3-24.7)	23.5 (21.3-25.6)	1.15 H
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	955	1,363	2,318	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	726.2 (702.1-750.3)	644.4 (624.0-664.8)	675.8 (660.1-691.5)	1.11 H
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	36.7 (32.5-40.8)	35.9 (32.7-39.1)	36.2 (33.7-38.7)	1.07 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	5,686	6,624	12,310	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	368.6 (356.6-380.7)	381.8 (370.1-393.5)	375.6 (367.2-384.0)	1.25 H
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	355.9 (348.4-363.4)	365.6 (358.3-372.9)	360.8 (355.5-366.0)	1.23 H
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	23.0 (22.9-24.5)	23.7 (22.2-23.9)	23.4 (22.8-24.0)	1.23 H
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	22.8 (22.1-23.5)	23.1 (22.4-23.7)	23.0 (22.5-23.4)	1.19 H

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****** Rate ratios for both sexes were created by dividing the local area rate by the City of Toronto aggregate rate.

******* Denominator: Based on 2006 Census population estimates, Statistics Canada.

± All unscheduled ED visits. Data source: National Ambulatory Care Reporting System (NACRS), Canadian Institute for Health Information (CIHI).

† Rates are age-adjusted using the direct method and the 1991 Canada population as the standard population.

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	Males	Females	Both sexes	Males	Females	Both sexes	Males (95% CI)	Females (95% CI)	Both sexes (95% CI)	Rate Ratio**
Low Triage ^a Emergency Department (ED) visits (2009) [±]										
Population Age 0-4										
# of ED visits	36,999	28,846	65,845	15,132	11,909	27,041	650	479	1,129	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	219	147	366	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.51 (0.45-0.58)	0.45 (0.37-0.52)	0.48 (0.43-0.54)	1.22 H
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	33.7 (28.2-39.2)	30.7 (24.7-36.6)	32.4 (28.4-36.5)	1.15 H
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	820	738	1,558	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	404	339	743	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.97 (0.85-1.09)	0.86 (0.75-0.98)	0.92 (0.83-1.00)	1.23 H
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	49.3 (42.5-56.0)	45.9 (39.3-52.6)	47.7 (42.9-52.4)	1.12 H
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,649	2,029	3,678	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	783	721	1,504	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.91 (0.83-1.00)	0.55 (0.51-0.60)	0.70 (0.65-0.74)	1.16 H
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	47.5 (42.9-52.1)	35.5 (32.3-38.8)	40.9 (38.2-43.6)	1.09 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	1,164	1,450	2,614	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	413	501	914	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.55 (0.49-0.62)	0.53 (0.48-0.59)	0.54 (0.50-0.58)	1.19 H
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	35.5 (31.2-39.7)	34.6 (30.8-38.3)	35.0 (32.2-37.8)	1.12 H

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* Estimates based on fewer than 20 events are likely to be unstable and imprecise.

** Rate ratios for both sexes were created by dividing the local area statistic by the City of Toronto statistic.

a Low triage was defined as Canadian Triage and Acuity Scale (CTAS) levels 4 and 5 excluding those who were subsequently admitted to hospital.

± All unscheduled ED visits. Data source: National Ambulatory Care Reporting System (NACRS), Canadian Institute for Health Information (CIHI).

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Low Triage ^a										
Emergency Department (ED) visits (2009) [±]										
Population Age 65-74										
# of ED visits	28,857	32,242	61,099	12,838	13,486	26,324	448	565	1,013	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	81	151	232	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.22 (0.17-0.27)	0.37 (0.30-0.43)	0.30 (0.26-0.34)	0.99 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	18.1 (13.7-22.4)	26.7 (21.7-31.7)	22.9 (19.5-26.3)	1.00 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	955	1,363	2,318	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	176	224	400	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.23 (0.20-0.26)	0.20 (0.17-0.23)	0.21 (0.19-0.23)	1.11 H
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	18.4 (15.4-21.4)	16.4 (14.1-18.8)	17.3 (15.4-19.1)	1.09 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	5,686	6,624	12,310	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	2,076	2,083	4,159	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.58 (0.55-0.61)	0.46 (0.44-0.49)	0.52 (0.50-0.53)	1.11 H
Age-Adjusted ratio of low to high Triage visits [‡]	0.61	0.51	0.55	0.60	0.53	0.56	0.77 (0.73-0.82)	0.58 (0.55-0.62)	0.65 (0.63-0.68)	1.18 H
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	36.5 (34.5-38.5)	31.4 (29.8-33.1)	33.8 (32.5-35.0)	1.07 H
Age-Adjusted % of all ED visits that are Low Triage [†]	36.3	33.2	34.6	36.2	33.9	34.9	41.9 (39.8-44.0)	35.5 (33.7-37.2)	38.3 (36.9-39.6)	1.11 H

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[±] All unscheduled ED visits. Data source: National Ambulatory Care Reporting System (NACRS), Canadian Institute for Health Information (CIHI).

[‡] Ratios of low to high Triage visits are age-adjusted using the 1991 Canada population as the standard population.

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